

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098022.D
 Acq On : 25 Aug 2017 00:43
 Operator : SJ/JU
 Sample : I4935-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

Quant Time: Aug 25 03:05:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

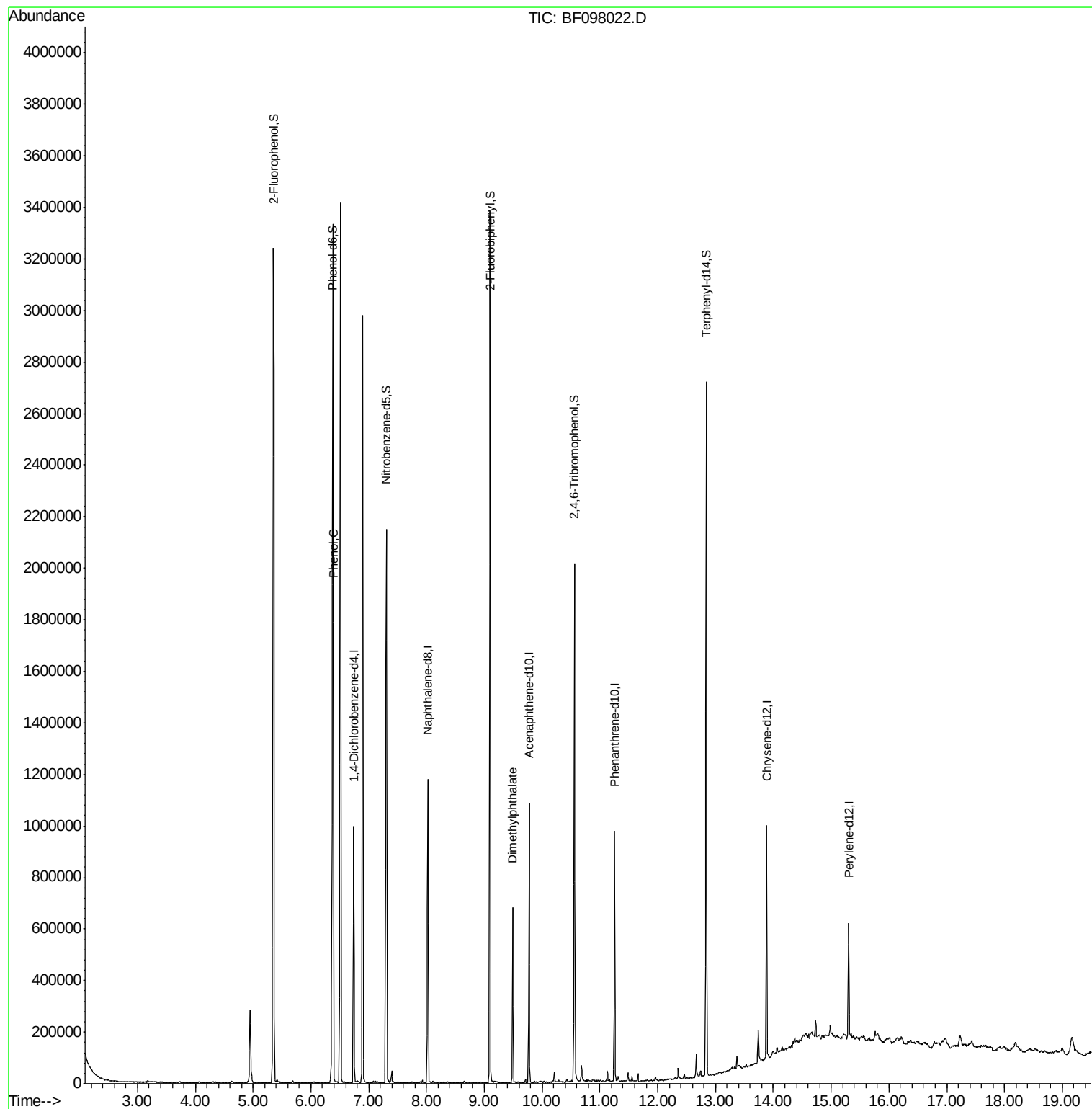
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	122308	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	471316	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	194378	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	341749	20.00	ng	0.00
75) Chrysene-d12	13.89	240	287556	20.00	ng	-0.01
86) Perylene-d12	15.30	264	199634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1103409	137.22	ng	0.00
7) Phenol-d6	6.38	99	1478376	135.32	ng	0.00
23) Nitrobenzene-d5	7.30	82	893633	103.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	231049	137.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1169261	88.38	ng	-0.01
78) Terphenyl-d14	12.84	244	878535	63.71	ng	0.00
Target Compounds						
10) Phenol	6.39	94	28372	2.220	ng	90
49) Dimethylphthalate	9.49	163	224438	15.796	ng	99

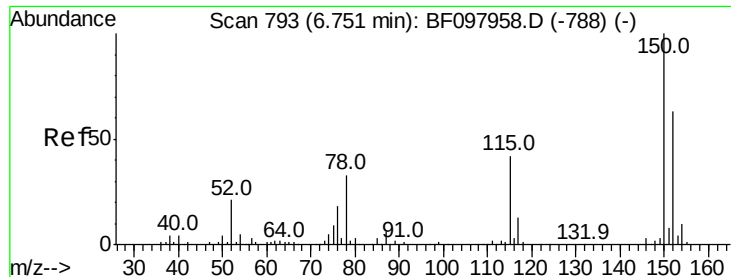
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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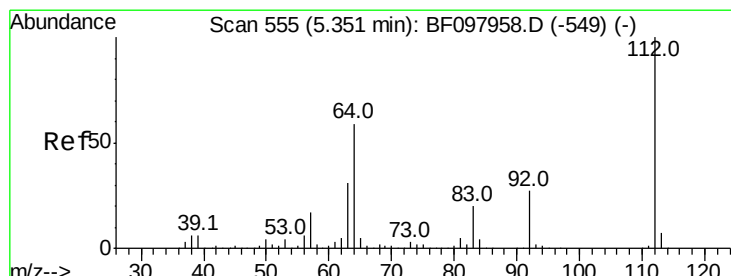
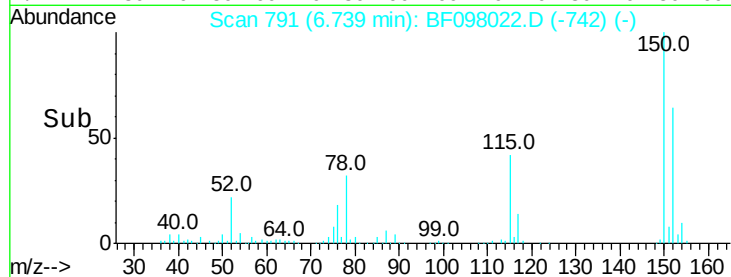
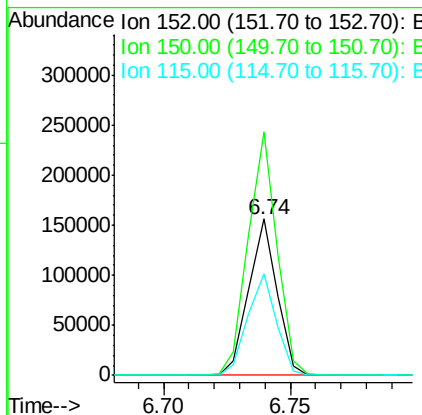
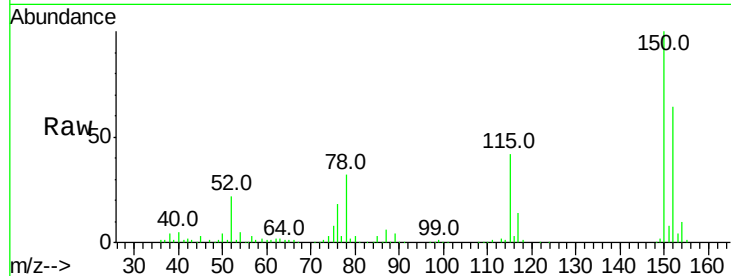


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

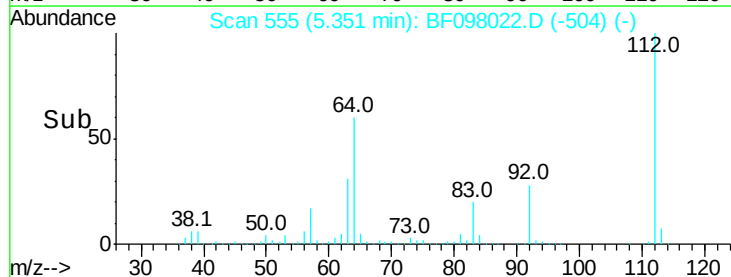
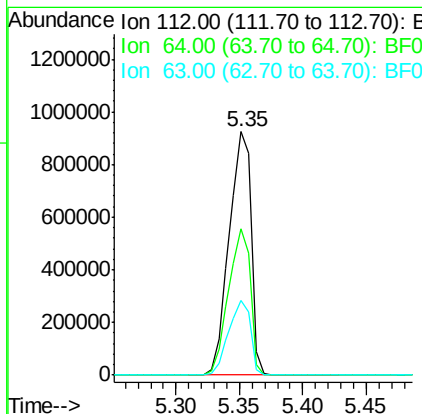
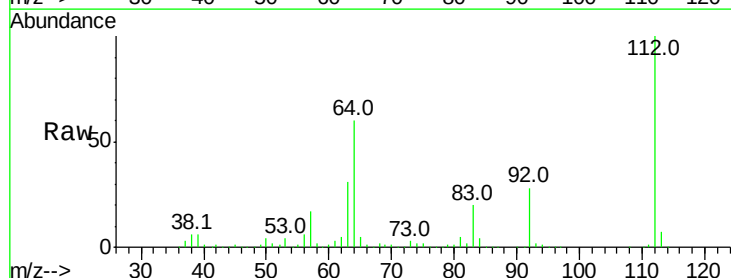
Tot Ion:152 Resp: 122308
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 65.2 52.2 78.2

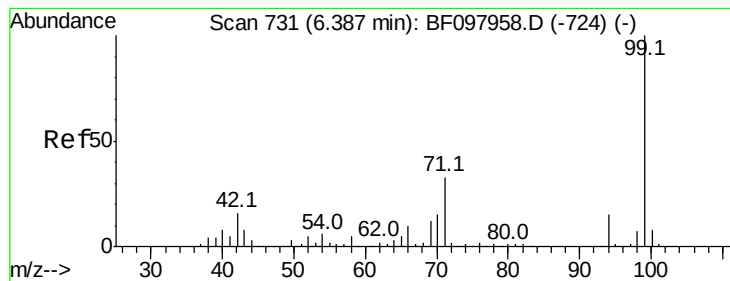


#5

2-Fluorophenol
Concen: 137.225 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Tgt Ion:112 Resp: 1103409
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 30.8 23.4 35.0





#7

Phenol-d6

Concen: 135.317 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

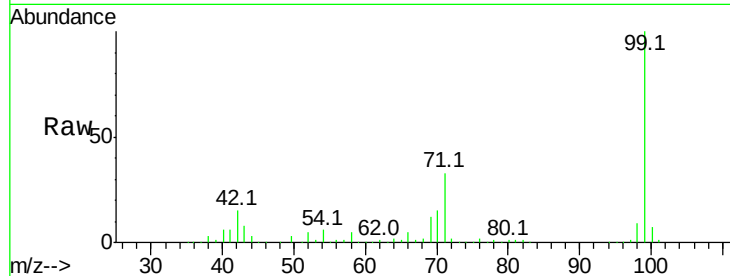
Tot Ion: 99 Resp: 1478376

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

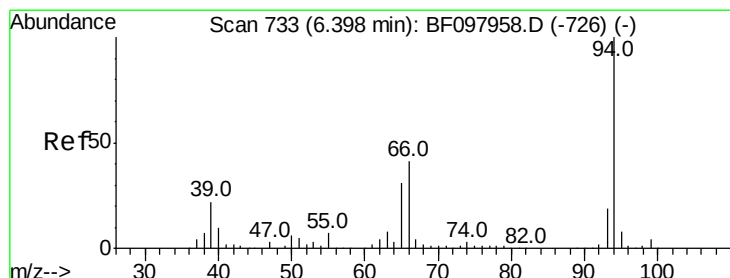
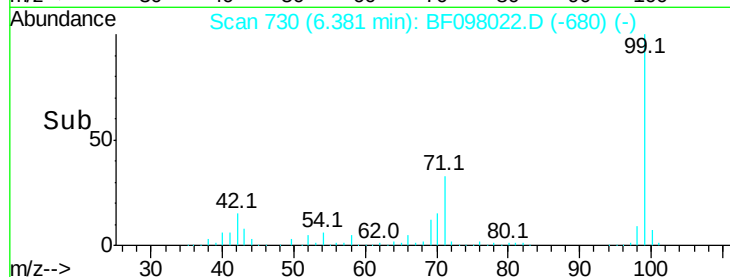
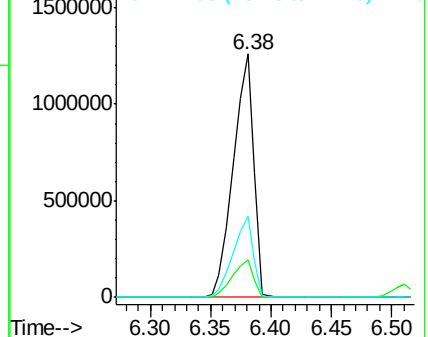
71 33.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.220 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

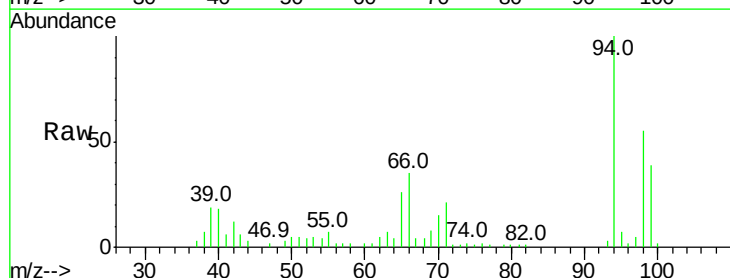
Tgt Ion: 94 Resp: 28372

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

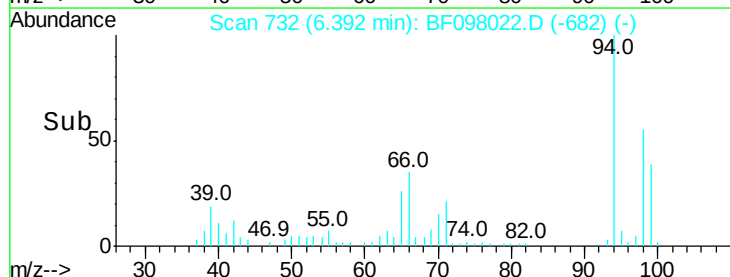
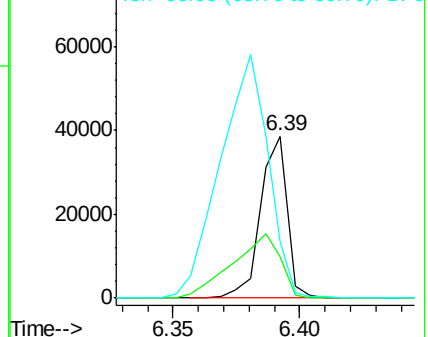
66 35.3 23.1 63.1

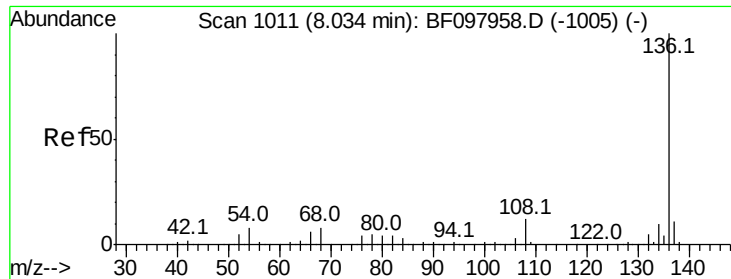


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

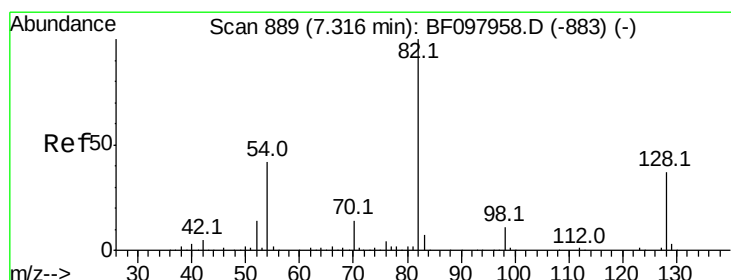
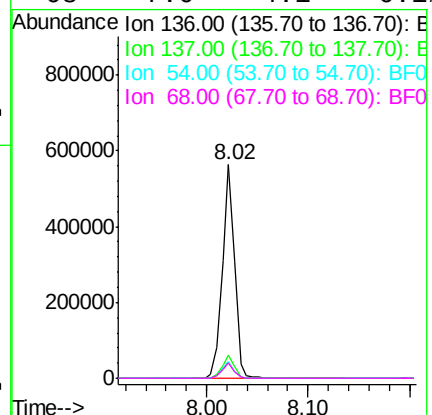
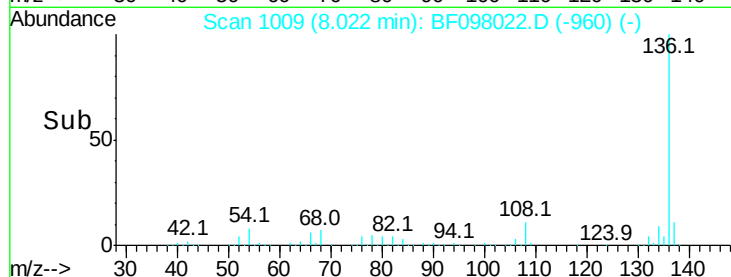
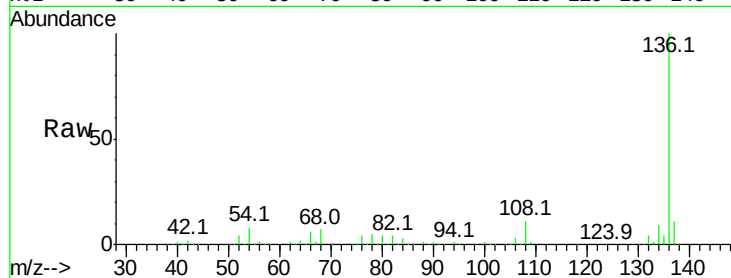




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

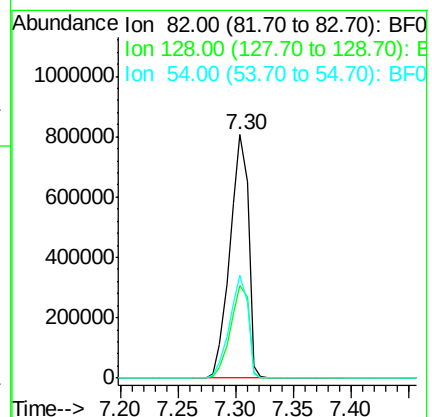
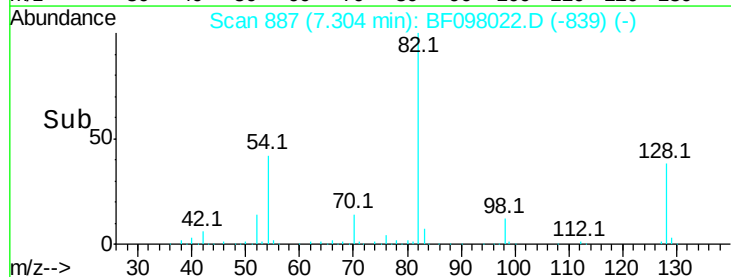
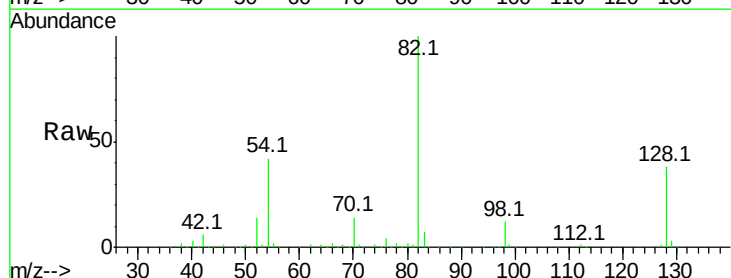
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

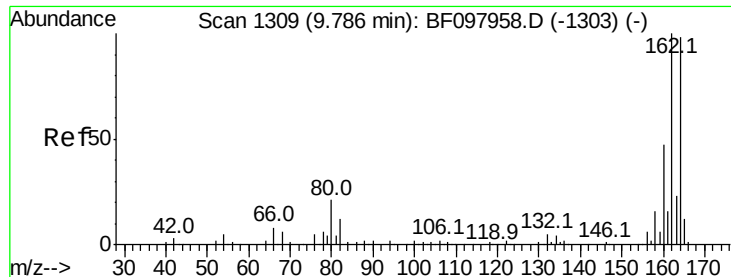
Tot Ion:136	Resp:	471316
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.6	4.9 7.3#
68	7.0	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 103.001 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Tgt Ion: 82	Resp:	893633
Ion Ratio	Lower	Upper
82	100	
128	37.8	34.0 51.0
54	42.1	42.2 63.2#

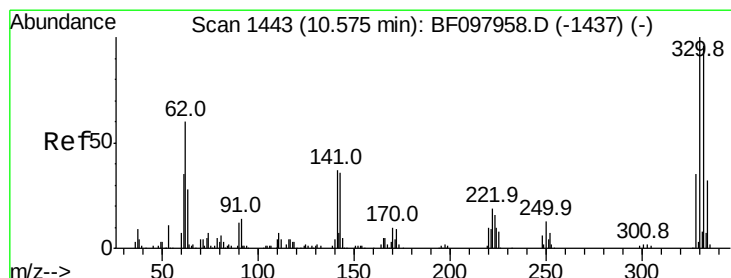
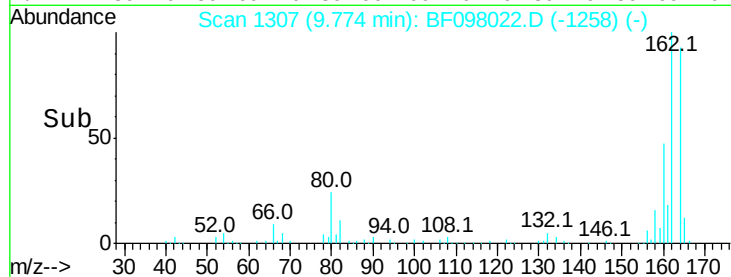
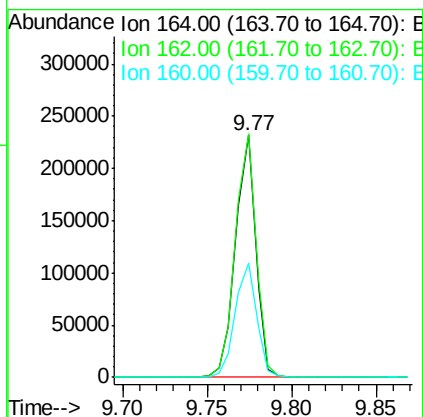
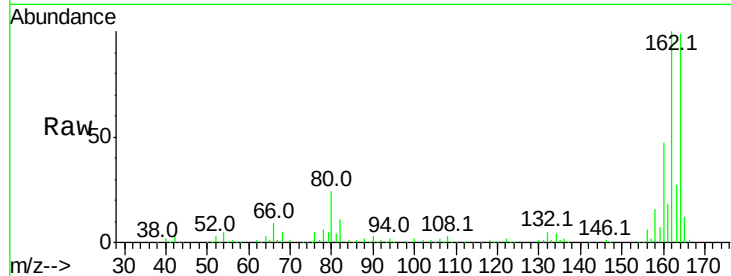




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

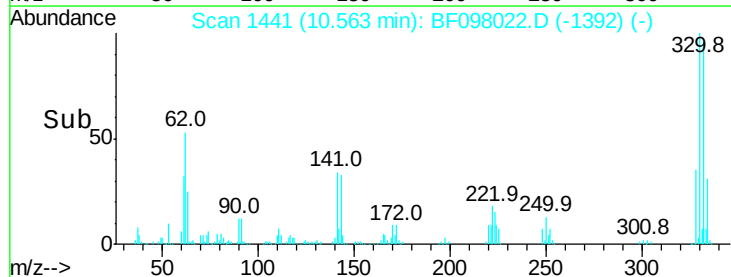
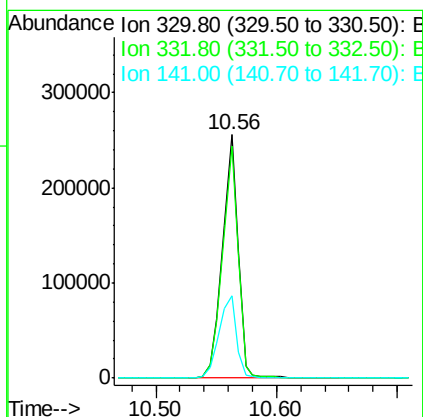
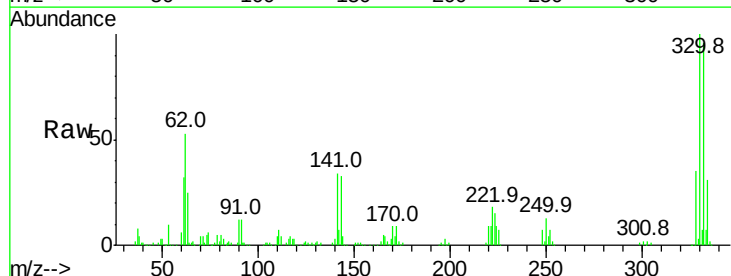
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

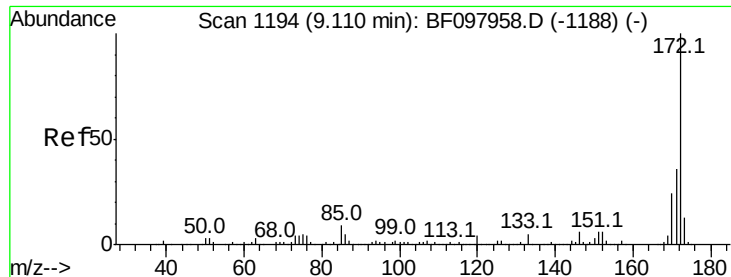
Tot Ion:164 Resp: 194378
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 47.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 136.995 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

Tgt Ion:330 Resp: 231049
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.5 31.4 47.2

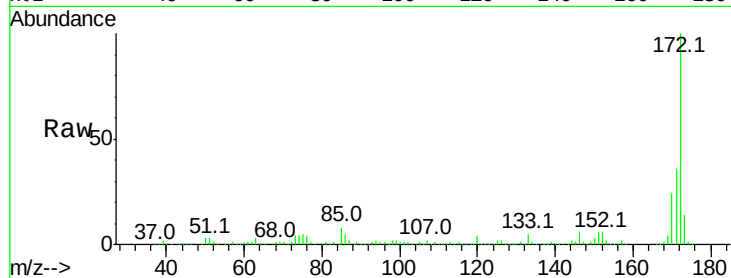




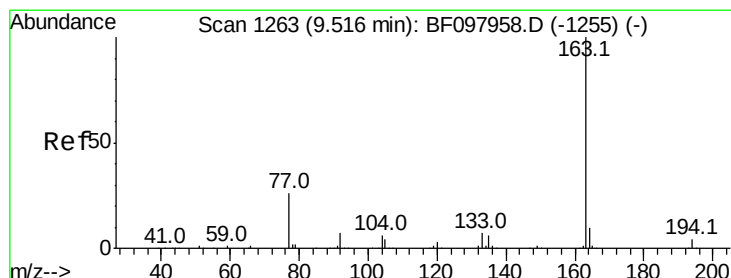
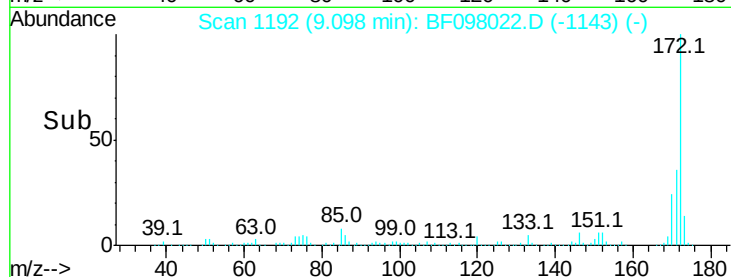
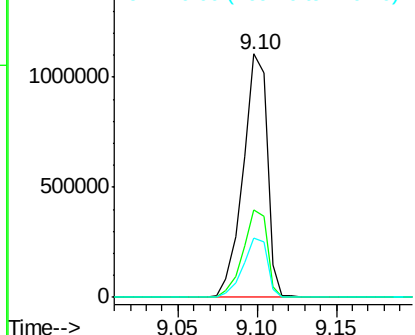
#44
2-Fluorobiphenyl
Concen: 88.379 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

Tot Ion:172 Resp: 1169261
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.8 29.8

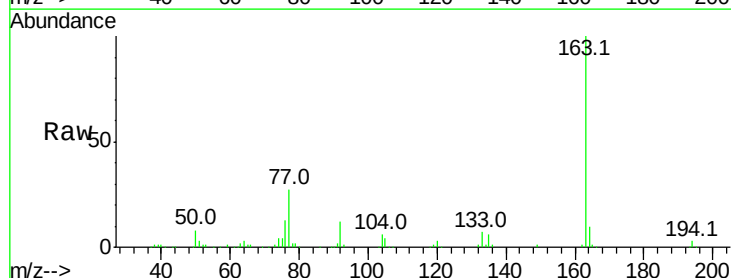


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

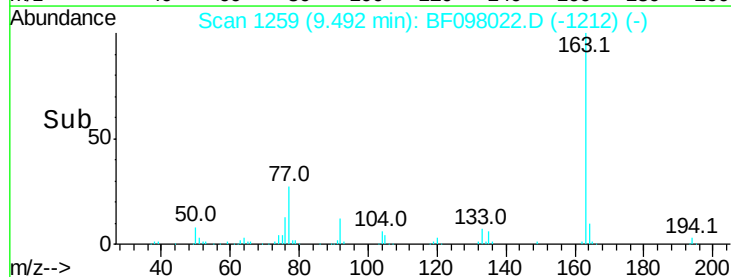
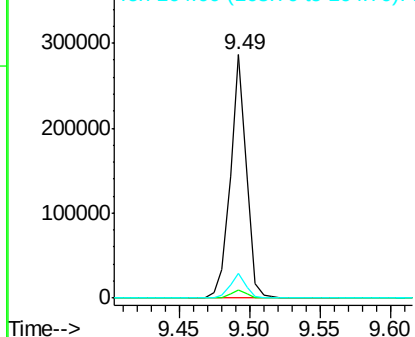


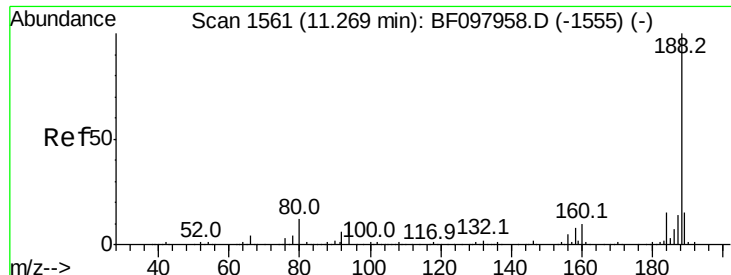
#49
Dimethylphthalate
Concen: 15.796 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Tgt Ion:163 Resp: 224438
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

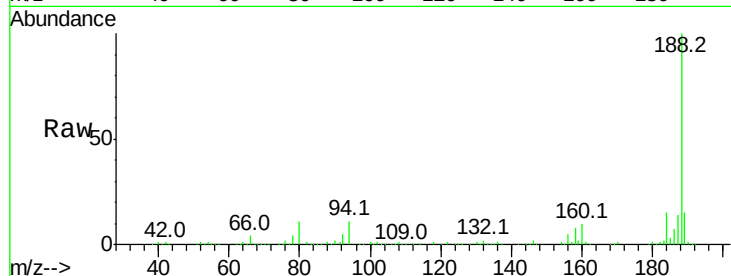
Tot Ion:188 Resp: 341749

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

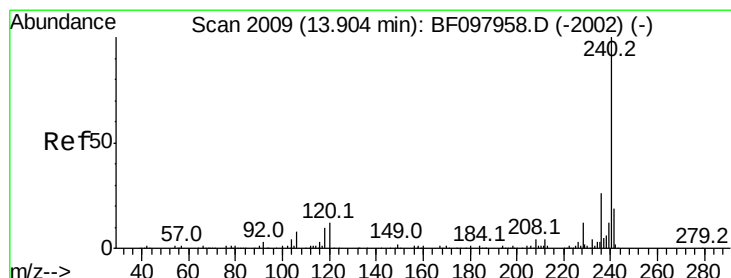
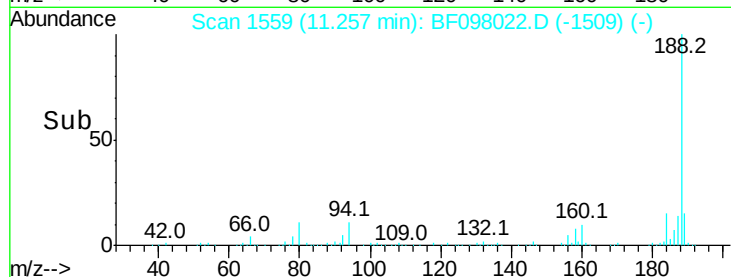
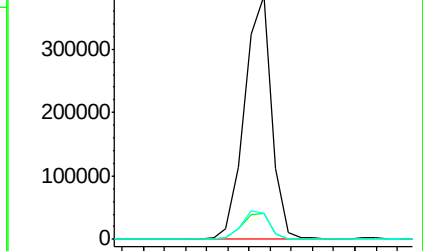
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

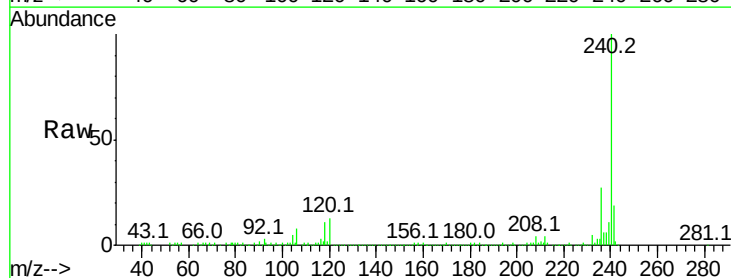
Tgt Ion:240 Resp: 287556

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

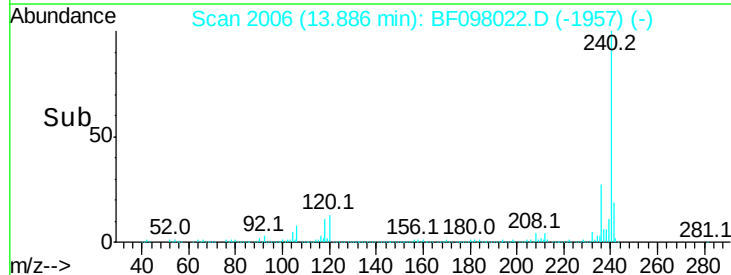
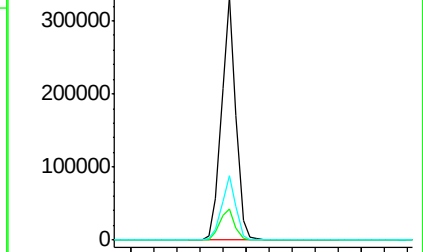
236 26.6 20.5 30.7

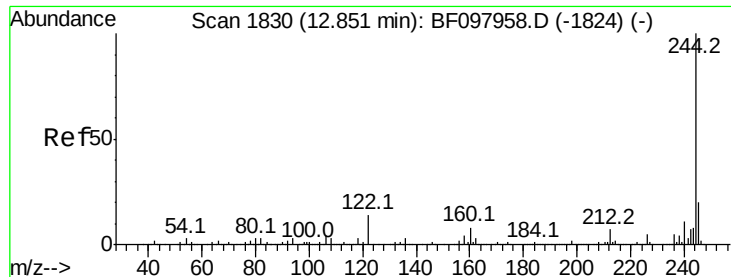


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

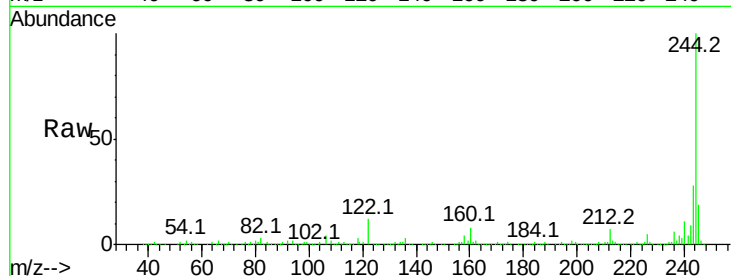




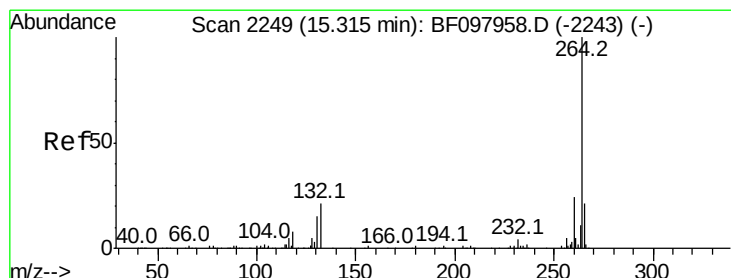
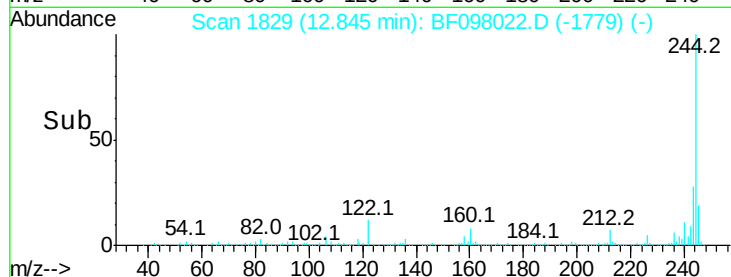
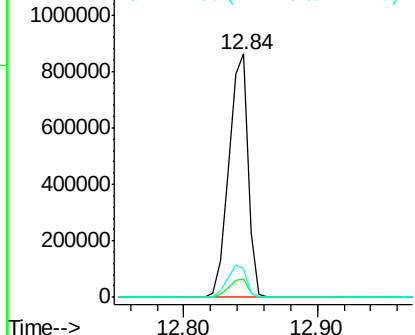
#78
 Terphenyl-d14
 Concen: 63.711 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

Instrument :
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 FK-PS-01-014

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.0	10.3	15.5

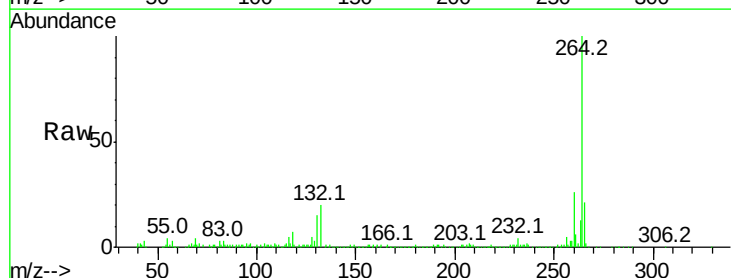


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.5	29.3
265	21.0	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

